

South Carolina Department of Health and Environmental Control
Bureau of Air Quality
2600 Bull Street
Columbia, SC 29201

APPLICATION FOR GENERAL PERMIT FOR CONCRETE AND/OR BLOCK PLANTS

Facility Name	_____
Facility Location (Street Address)	_____
Facility Location (County)	_____
Mailing Address	_____

Billing Address	_____

Facility SIC Code	_____
Current Bureau of Air Quality Permit Number	_____
Technical Contact	_____
Position	_____
Phone Number of Contact	_____
e-mail or fax	_____

Applicability:

These forms apply only to facilities as described below. Use of this application for any other purposes shall require prior approval from this Bureau of Air Quality (Bureau).

- 1) This general permit application covers concrete batch and/or block plants. A concrete batch and/or block plant is comprised of one or any combination of the following: Boilers less than 10×10^6 BTU/hr, storage of sand and aggregate, sand and aggregate transfer to elevated bin, cement and/or flyash unloading to elevated storage silo, weigh hopper loading, central mixer loading, and/or truck loading, and the loading, transfer or storage associated with emission control systems.
- 2) The total yearly concrete production for this facility does not exceed 1,366,560 yd³/yr based on 100% potential to emit.
- 3) This general permit application covers storage tanks subject to NSPS Subpart Kb providing all applicable notifications, monitoring, record keeping, and reporting requirements are met.
- 4) The operational restrictions of the facility limit its potential to emit to below applicable major source thresholds. Specifically, potential for PM, SO₂, CO and NO_x emissions are less than 100 tons per year. HAP emissions are less than 10 Tons Per Year individually or 25 Tons Per Year combined.

Please answer YES or NO.

Check or complete the appropriate answer(s):

A. GENERAL QUESTIONS:				YES	NO
Does this facility manufacture concrete block and/or pipe?					
Has this facility been previously permitted by the Bureau?					
Does this facility operate a boiler or any other fuel burning operation? If yes, then fill out part B and C below.					
Does this facility have any petroleum liquid storage tanks? If yes, the fill out part F below.					
B. FUEL BURNING OPERATIONS:					
List the following:					
Fuel Combustion Source	Rated Heat Capacity (BTU/hr)	Manufacturer	Installation Date	Modification Date	
Example: Boiler #1	5 mm BTU/hr	Brooks	1977		
C. FUEL DATA:					
List the above fuel burning sources, the primary and secondary fuels used, and sulfur content:	Primary Fuel	Max. Sulfur Content	Secondary Fuel	Max. Sulfur Content	
Example: Boiler #1	Natural Gas		No. 2 Fuel Oil	0.5%	

D. PLANT DATA:			
What is the manufacturer's name and model number?			
What is the manufacturer's maximum rated capacity in yd ³ /hr?			
Number of storage silos located at the plant:			
List the type, make, model number, and location of each control device used at the plant:			
Location	Type	Make	Model Number
Example: Flyash Silo #1	Baghouse	Stevens	SV-170
List any other alternatives or additives used in concrete batch plant/ or block production.			
E. OTHER EMISSIONS SOURCES:			
Are there any other units present which may be sources of applicable regulations? If so, please list and explain.			

F. STORAGE TANKS:		
List capacity, all materials stored and the installation date of any tanks located at the facility. For units, list gallons, lbs or tons.		
Materials Held	Capacity (units)	Installed
Example: No.2 Fuel Oil	10,000 Gallons	1977
G. EXEMPT SOURCES AND PROCESSES:		
List any sources which are considered exempt in accordance with Section 4.0(F) of the general permit. A brief description of the source should also be included.		
Example: 100 KW Emergency Diesel Generator		

H. MONITORING, RECORDKEEPING, AND REPORTING PLANS

Please describe the specific monitoring, recordkeeping (i.e., method of recordkeeping, type of measurement equipment, etc.) and reporting plans (as defined in Part 3.0, Section C of the general permit) to show compliance with the operational limitations of the general permit. Also, include an example calculation that will be used to determine emissions.

I certify, to the best of my knowledge and belief, that no undesirable levels of air pollutants will be created and no applicable standards and/or regulations will be contravened or violated. I understand that any statements and/or descriptions which are found to be incorrect may result in the immediate revocation of any permit issued pursuant to this application.

Name of Responsible Company Official

Position of Responsible Company Official

Date

03/15/01

